#### PROJECT REFERENCE NO. U-5797 Sig. 21.

### PED YELLOW CONFLICT MONITOR WIRING DETAIL

(make cabinet wiring changes as shown below)

In order to use FYA COMPACT mode with the 16 or 18 Channel Monitor, the cabinet must be wired such that the (unused) Ped Yellow load switch outputs are wired to the conflict monitor as follows: From 2 PY (field term. 114) to chan. 9 green (monitor pin 13), from 4 PY (field term. 105) to chan. 9 yellow (monitor pin 16).

Follow the instructions below to make appropriate connections:

STEP 1: Fold down rear panel of output file.

STEP 2: Find unused wiring harness fom conflict monitor card edge connector (which should be tied and bundled together).

STEP 3: Find the connector that correspond to the folloeing conflict monitor card edge pins and solder wire the appropriate

terminal on the rear of the output file shown below:

CMU-13 -----2PY (term. 114) CMU-16 -----4PY (term. 105)

Some cabinet manufacturers use keyed connectors to accomplish this wiring configuration. If connectors are used, fold down the

rear panel of the output file and find the set of 3 keyed connectors

and connect them as shown below:

1 - 2PY	 1- CMU-13
2 - 4PY	2- CMU-16
3 <b>-</b> 6PY	  3- CMU-R
4 - 8PY	 4- CMU-U

## MAXTIME ALTERNATE PHASING ACTIVATION DETAIL

To run alternate phasing, select a Pattern that is programmed to run Overlap Plan 2 and Detector Plan 2. A Pattern can be selected through the scheduler or manually by changing the Operational Mode.

PHASING	OVERLAP PLAN	VEH DET PLAN
ACTIVE PLAN REQUIRED TO RUN DEFAULT PHASING	1	1
ACTIVE PLAN REQUIRED TO RUN ALTERNATE PHASING	2	2

ALTERNATE PHASING CHANGE SUMMARY

THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN OVERLAP PLAN 2 AND VEHICLE DETECTOR PLAN 2 ACTIVATE

TO CALL THE "ALTERNATE PHASING":

OVERLAP PLAN 2: Modifies overlap included phases

for heads 31, and 32 to run protected turns only.

VEH DET PLAN 2: Reduces delay time for phase 3

call on loop 3A to 0 seconds.

# MAXTIME ALTERNATE PHASING PATTERN PROGRAMMING DETAIL

Front Panel Main Menu >Controller >Coordination >Patterns

Web Interface Home >Controller >Coordination >Patterns

Pattern Parameters

- attorri ara	11101010	
Pattern	Veh Det Plan	Overlap Plan
*	2	2

\*The Pattern number(s) are to be determined by the Division and/or City Traffic Engineer.

## MAXTIME DETECTOR PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOP 3A

Front Panel

Main Menu >Controller >Detector >Veh Det Plans

Web Interface

Home >Controller >Detector Configuration >Vehicle Detectors

In the table view of web interface right click on "Detector" in the top left corner of the table. Copy the entire contents of Detector Plan 1. Paste Detector Plan 1 into Detector Plan 2. Modify Detector Plan 2 as shown below and save changes.

Plan 2

3A

		,
7	3	0

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-1415T DESIGNED: Feb 2025 SEALED 2/10/2025 **REVISED:** 

Temporary Design - TMP Phase III, Step 1 Electrical Detail - Sheet 3 of 3

ELECTRICAL AND PROGRAMMING

Boomerang Drive

SR 1997 (Fayetteville Road)

Temporary U-Turn South Robeson County

PLAN DATE: Feb 2025 REVIEWED BY: H.M. Surti PREPARED BY: R.L. Aristondo REVIEWED BY: T.M. Moody REVISIONS INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL

SIGNATURES COMPLETED

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